

VANDANA SATISH

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EDUCATION

San Jose State University (SJSU), San Jose, CA

May 2026 (Expected)

Master of Science in Software Engineering

Courses: Enterprise S/w Platforms, S/w Systems Engineering, Data Mining, Machine Learning, Deep Learning, AI & Data Engineering

B.N.M Institute of Technology, Bengaluru, India

Jun 2023

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.61/10

Courses: Design and Analysis of Algorithms, Object Oriented Programming, Computer Networks, Database Management Systems, Cryptography and Network Security, Computer Graphics and Visualization, System Software and Compiler Design, Big Data Analytics, Internet of Things, Machine Learning, User Interface Design and Web Technology, Cloud Computing, etc.

INTERNSHIP

Intern, ThinkNEXT Technologies Private Limited, Chandigarh, India

Feb 2023

- Created an online admission and management system for a university website using java and springboot.

Intern, Sakha Global Private Limited, Bengaluru, India

Feb – Dec 2022

- Created an online portal and aptitude test for screening job applicants using MongoDB and JavaScript and led the testing, debugging and deployment of the application.
- Integrated the corporate HR employee management system with the Applicant Tracking System - Zoho Recruit

Intern, Medsoft India Private Limited, Bengaluru, India

Nov 2018 – Sep 2019

- Led testing of the transcription workflow software to identify and resolve bugs in a timely and efficient manner, improving the client's software reliability by 30%
- Improved security of remote login process by using Virtual Private Networks (VPNs) to enable efficient and secure remote login for the Medsoft team, providing added data protection

PROJECTS

Smart Trader App | HTML, Bootstrap, Flask, Python, Render

Dec 2024

- Leverage historical stock market data for NVDA and NVDQ for predicting stock prices and providing stock trading strategies
- Used python libraries like BeautifulSoup, yfinance, RandomForestRegressor, etc for web scraping, preprocessing and prediction

Forecasting Police Call Outcomes | Google Maps API, Google Colab, Python, Streamlit, Google Looker Studio

Nov 2024

- Using historical data, trained the model to predict final outcomes for police calls
- Optimize the preparedness factor of law enforcement officers.
- Used ML algorithms like XGBoost, Random Forest, KNN, etc.

Azure – powered Document Summarizer | Azure ML Studio, Azure OpenAI API, Flask, Python, HTML

Oct 2024

- Developed a enterprise grade Document Summarizer application using Azure Blob Storage, OpenAI API, and deployment model GPT - 3.5 Turbo
- Deployed using Azure VMs and flask

Fine Dine- A Restaurant Finder Application | Java, Spring Boot, React, MongoDB, AWS, Azure, Google APIs

Sep 2024

- Developed a full stack application in which the users can search for restaurants and post reviews
- Implemented Azure B2C for role-based user access and automated deployment using Github Actions to deploy in AWS
- Similar to Yelp

Intra-Enterprise Automated and Localized Resume Finder | React js, Javascript, HTML, Python

Jun 2023

- Website that automated and streamlined the recruitment process within an enterprise
- Enabled recruiters to quickly identify resumes that match the JD
- Deployed upon implementing NLP and Deep Learning algorithms.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, C#, R, JavaScript, Typescript, 8086 assembly programming

Web Technologies: HTML, CSS, PHP, JS ES6+, Tailwind CSS, Bootstrap

Frameworks: Spring boot, React js, Angular, Node js, DotNet, Django, Flask, Streamlit

Database: MySQL, PostgreSQL, MongoDB, Cassandra, Redis, DynamoDB

Cloud Services: AWS, Azure, Google Cloud Platform, Docker, Kubernetes, CI/CD

Other Tools: Postman, Jupyter Notebook, Google Colab, Vertex AI, Git, MS Office Suite, Adobe Suite, Render

ACHIEVEMENT

- Stood among the Top 5 in academic performance for all my semesters at university
- Secured a score of 334 (166V, 168Q) in the GRE exam, Sep 2023
- Delivered a technical seminar on the topic 'Cultural Heritage Preservation Using Blockchain Technologies', May 2023